

PLUMBING BOARD PACKET
FEBRUARY 8, 2008



Division of Building Safety

Plumbing Board

Fiscal Year 2008. For the month ending December 31, 2007

	Budget	Expenditures	Remaining	% Used
PERSONNEL COSTS	2,202,600.00	1,105,713.23	1,096,886.77	50.2
OPERATING EXPENSES	1,334,579.00	299,895.47	1,034,683.53	22.5
CAPITAL OUTLAY	-	(612.89)	612.89	
Total	3,537,179.00	1,404,995.81	2,132,183.19	39.7

Cash Report

Beginning	Receipts	Transfers	Expenditures	Balance
5,152,175.67	1,454,311.46	(35,396.05)	1,532,634.37	5,038,456.71

Division of Building Safety
Revenue / Expenditures
Fiscal Year 2008, As of Month Ending Dec

Plumbing- 0229-03

OBJECT	TITLE	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
		5,152,175.67	5,198,637.82	5,125,554.51	5,122,317.11	5,122,591.46	5,072,134.31	-	-	-	-	-	-	5,152,175.67
BEG CASH BALANCE		5,152,175.67	5,198,637.82	5,125,554.51	5,122,317.11	5,122,591.46	5,072,134.31	-	-	-	-	-	-	5,152,175.67

2105	P CARD LIABILITY	4,916.41	480.05	119.69	3,264.41	1,218.39	(3,797.51)	-	-	-	-	-	-	6,201.44
4800	OPERATING TRANSFERS OUT	-	(35,396.05)	-	-	-	-	-	-	-	-	-	-	(35,396.05)
TOTAL BALANCE SHEET		4,916.41	(34,916.00)	119.69	3,264.41	1,218.39	(3,797.51)	-	-	-	-	-	-	(29,194.61)

1020	REGULATORY LICENSE	7,854.70	6,380.00	8,261.20	8,493.80	9,884.20	8,938.66	-	-	-	-	-	-	49,812.56
1090	INSPECTION FEES	267,978.82	270,190.65	230,057.82	214,212.19	212,917.99	163,493.20	-	-	-	-	-	-	1,358,850.67
1155	FILING FEES	550.00	825.00	775.00	450.00	507.50	606.60	-	-	-	-	-	-	3,714.10
1315	FINES	300.00	2,650.00	200.00	3,300.00	3,014.00	2,940.00	-	-	-	-	-	-	12,404.00
1545	TECHNICAL SERVICES	30.00	540.00	210.00	432.00	720.00	90.00	-	-	-	-	-	-	2,022.00
1936	AUTOMOBILES	-	-	-	23,625.00	-	-	-	-	-	-	-	-	23,625.00
2715	RENT	-	-	-	-	3,903.13	-	-	-	-	-	-	-	3,903.13
3690	OTHER	-	-	(20.00)	-	-	-	-	-	-	-	-	-	(20.00)
TOTAL REVENUE		276,713.52	280,585.65	239,484.02	250,512.99	230,946.82	176,068.46	-	-	-	-	-	-	1,454,311.46

4101	GROSS SALARY & WAGE	121,384.06	123,993.22	125,112.85	125,804.45	183,517.39	121,237.60	-	-	-	-	-	-	801,049.57
4201	EMPLOYEE BENEFITS	48,699.83	49,173.85	50,260.49	47,867.47	60,738.23	47,923.79	-	-	-	-	-	-	304,663.66
TOTAL PERSONNEL COSTS		170,083.89	173,167.07	175,373.34	173,671.92	244,255.62	169,161.39	-	-	-	-	-	-	1,105,713.23

6000	CAPITAL OUTLAY	18,025.00	73,008.00	-	42,807.00	-	-	-	-	-	-	-	-	133,840.00
TOTAL PY ENCUMBRANCE		18,025.00	73,008.00	-	42,807.00	-	-	-	-	-	-	-	-	133,840.00

5001	COMMUNICATION COSTS	5,624.59	11,945.24	4,704.94	7,928.12	8,867.70	6,757.05	-	-	-	-	-	-	45,827.64
5051	EMPLOYEE DEVELOPMENT COSTS	4,744.79	2,160.44	1,159.75	1,478.10	1,228.15	1,351.60	-	-	-	-	-	-	12,122.83
5101	GENERAL SERVICES	1,937.00	10,950.90	4,233.81	2,010.45	3,338.13	2,536.31	-	-	-	-	-	-	25,006.60
5151	PROFESSIONAL SERVICES	9,695.00	3,629.09	823.19	401.00	92.00	-	-	-	-	-	-	-	14,640.28
5201	REPAIR & MAINT SVCS	5,689.50	2,789.42	2,051.47	3,391.92	5,585.12	4,549.02	-	-	-	-	-	-	24,056.45
5251	ADMINISTRATIVE SERVICES	180.61	-	0.45	10.96	-	788.41	-	-	-	-	-	-	980.43
5301	COMPUTER SERVICES	-	605.76	231.49	0.93	76.31	160.51	-	-	-	-	-	-	1,075.00
5351	EMPLOYEE TRAVEL COSTS	1,768.32	2,665.83	1,680.05	2,352.94	1,741.20	1,055.32	-	-	-	-	-	-	11,263.66

Revenue / Expenditures

Fiscal Year 2008, As of Month Ending Dec

OBJECT	TITLE	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
5401	ADMINISTRATIVE SUPPLIES	2,764.00	2,317.72	1,991.17	2,183.58	5,792.25	669.04	-	-	-	-	-	-	15,717.76
5451	FUEL & LUBRICANTS COSTS	9,569.83	8,435.66	8,553.93	7,052.14	8,878.47	7,433.83	-	-	-	-	-	-	49,923.86
5551	COMPUTER SUPPLIES	1,220.83	2,184.98	40,919.34	(29.27)	2,640.39	1,365.19	-	-	-	-	-	-	48,301.46
5601	REPAIR & MAINT SUPPLIES	559.62	(404.19)	850.58	892.10	(1,274.88)	30.90	-	-	-	-	-	-	654.13
5701	SPECIFIC USE SUPPLIES	25.08	120.31	616.12	593.05	1,058.88	4,703.60	-	-	-	-	-	-	7,117.04
5751	INSURANCE	-	-	-	5,556.96	-	-	-	-	-	-	-	-	5,556.96
5851	UTILITY CHARGES	46.31	46.31	-	-	49.36	(49.36)	-	-	-	-	-	-	92.62
5901	RENTALS & OPER LEASES	3,233.41	546.47	45.11	3,201.15	51.79	4,783.99	-	-	-	-	-	-	11,861.92
5961	MISC EXPENDITURES	-	24,583.95	219.26	-	241.87	651.75	-	-	-	-	-	-	25,696.83
TOTAL OPERATING COSTS		47,058.89	72,577.89	68,080.66	37,024.13	38,366.74	36,787.16	-	-	-	-	-	-	299,895.47
6601	MOTORIZED/NON-MOTORIZED EQUIP	-	-	(612.89)	-	-	-	-	-	-	-	-	-	(612.89)
TOTAL CAPITAL OUTLAY		-	-	(612.89)	-	-	-	-	-	-	-	-	-	(612.89)
		235,167.78	318,752.96	242,841.11	253,503.05	282,622.36	205,948.55	-	-	-	-	-	-	1,538,835.81
TOTAL EXPENDITURES		235,167.78	318,752.96	242,841.11	253,503.05	282,622.36	205,948.55	-	-	-	-	-	-	1,538,835.81
		5,198,637.82	5,125,554.51	5,122,317.11	5,122,591.46	5,072,134.31	5,038,456.71	-	-	-	-	-	-	5,038,456.71
END CASH BALANCE		5,198,637.82	5,125,554.51	5,122,317.11	5,122,591.46	5,072,134.31	5,038,456.71	-	-	-	-	-	-	5,038,456.71

1/15/08

ICES/GITS

PLUMBING EXAM SUMMARY

T= TOTAL TESTED
P = TOTAL PASSED
% = PERCENT PASSED

MONTH	CONTRACTOR			JOURNEYMAN			WATER SPECIALTY CONTRACTOR			WATER SPECIALTY JOURNEYMAN			APPLIANCE SPECIALTY CONTRACTOR			APPLIANCE SPECIALTY JOURNEYMAN			TOT TSTD	TOT PASS	% PASS
	T	P	%	T	P	%	T	P	%	T	P	%	T	P	%	T	P	%			
JAN 07																					
FEB 07																					
MAR 07	0	0	0%	1	1	100%													1	1	100%
APR 07																					
MAY 07	0	0	0%	3	3	100%													3	3	100%
JUN 07	16	5	31%	23	18	78%										1	0	0%	40	23	58%
JUL 07	10	4	40%	26	20	77%													36	24	67%
AUG 07	12	4	33%	24	19	79%													36	23	64%
SEPT 07	16	7	44%	11	9	81%				1	0	0%				1	0	0%	29	16	55%
OCT 07	8	3	38%	22	18	82%										1	1	100%	31	22	71%
NOV 07	10	4	40%	16	8	50%													26	12	46%
DEC 07	8	1	13%	13	8	62%				1	1	100%							22	10	45%
Total	80	28	35%	139	104	75%				2	1	50%				3	1	33%	224	134	60%

PLUMBING JOURNEYMAN FIRST EXAM ATTEMPTS

2007

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TTL	%
BSU	T	1	2	0	11	0	6	10	5	4	2	5	1	47	87%
	P	1	1	0	9	0	6	9	5	3	2	4	1	41	
BSU/ CORR	T	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
	P	0	0	0	0	0	0	0	0	0	0	0	0	0	
CSI	T	0	0	0	1	0	0	1	0	0	1	0	0	3	100%
	P	0	0	0	1	0	0	1	0	0	1	0	0	3	
EITC	T	0	1	0	0	2	3	0	0	1	6	0	0	13	92%
	P	0	1	0	0	2	3	0	0	1	5	0	0	12	
ISU	T	2	0	0	0	0	3	0	3	0	1	1	0	10	80%
	P	2	0	0	0	0	3	0	2	0	1	0	0	8	
JATC	T	1	1	0	4	0	0	1	1	0	0	0	1	9	89%
	P	1	0	0	4	0	0	1	0	0	0	0	1	8	
NIC	T	0	0	0	0	0	1	4	3	2	3	2	0	15	90%
	P	0	0	0	0	0	1	4	3	1	3	1	0	13	
OUT OF STATE	T	2	4	6	9	1	6	4	9	2	5	7	3	58	64%
	P	2	2	4	6	1	3	2	7	2	3	4	1	37	
TOTAL	T	6	8	6	25	3	19	20	21	9	18	15	5	155	79%
	P	6	4	4	20	3	16	17	17	7	15	9	3	122	
%		100%	50%	67%	80%	100%	84%	85%	81%	78%	83%	60%	60%	79%	

LEGEND TO THE NOTICE OF VIOLATIONS FOR PLUMBING

Code	Brief Description
PLB .01	Unlicensed Plumbing Contractor
PLB .02	Plumbing Without Certificate or Registration
PLB .03	Plumbing Outside Scope of Certification
PLB .04	Failure to Permit
PLB .04a	Failure to Properly Post a Plumbing Permit
PLB .04b	Failure to Request an Inspection
PLB .05	Failure to Make Required Corrections
PLB .06	Repeated or Gross Violations
PLB C.04	Contractor - Failure to Permit
PLB C.04a	Contractor - Failure to Properly Post a Plumbing Permit
PLB C.04b	Contractor - Failure to Request an Inspection
PLB C.05	Contractor - Failure to Make Required Corrections
PLB C.06	Contractor - Repeated or Gross Violations
PLB C.07	Contractor – Plumbing Contractors License Responsibility

JOURNEYMAN & APPRENTICE LICENSE COUNTS
1/16/2008

ELECTRICAL

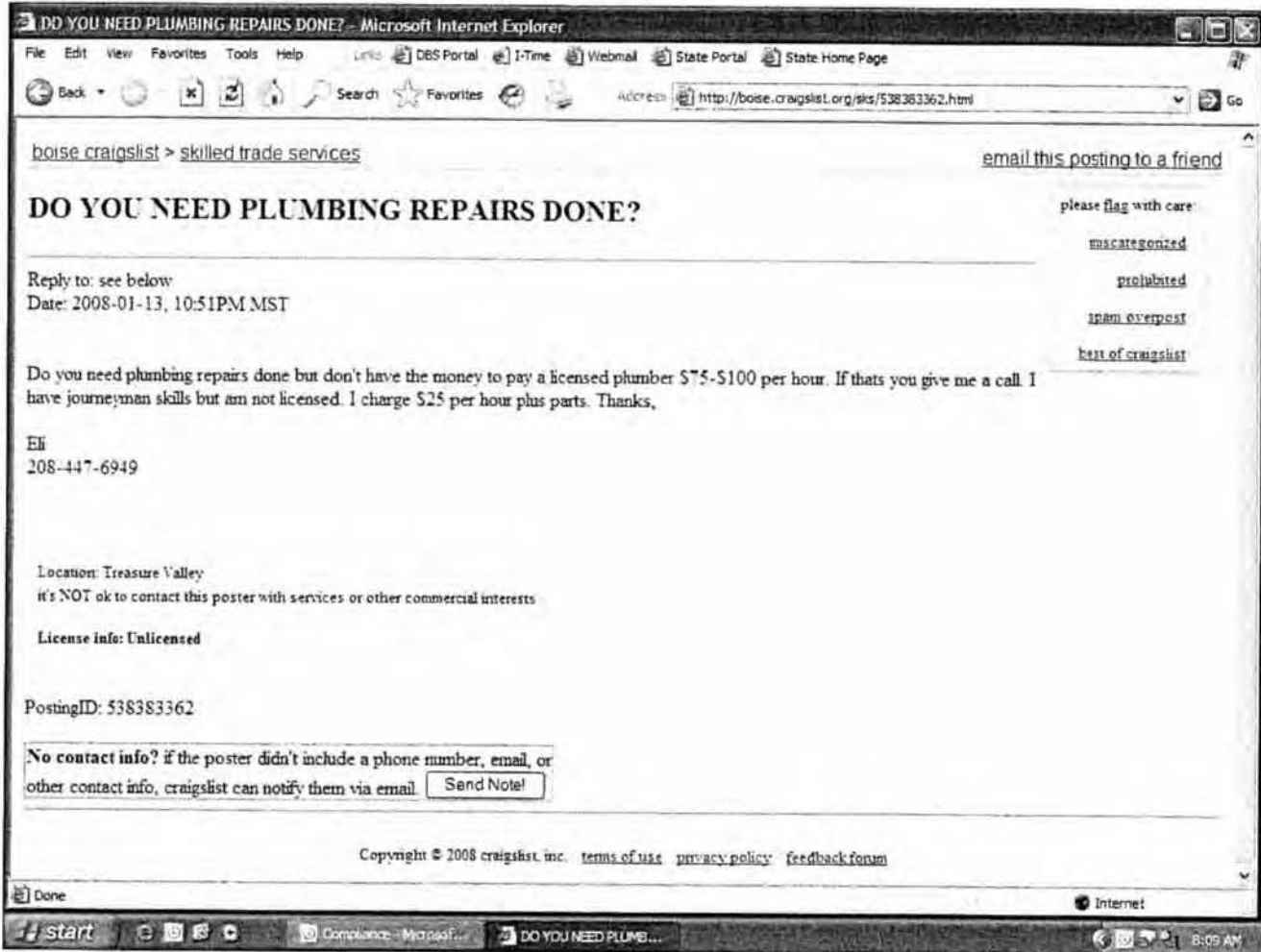
Journeyman	-	5,726 – Active
Master	-	337 - Active
Apprentice	-	2,472 - Active
Apprentice	-	2 - Suspended – (not in school)

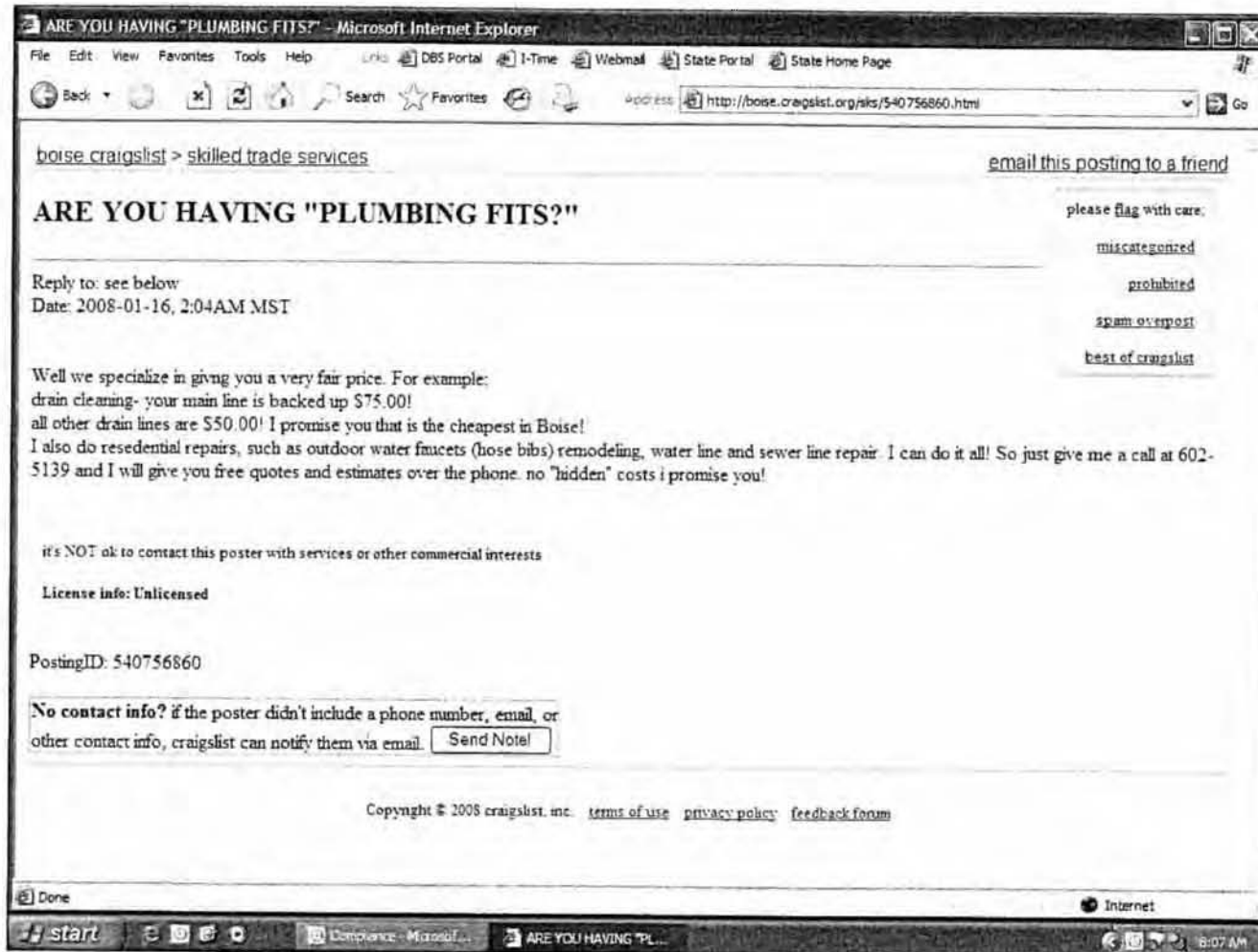
PLUMBING

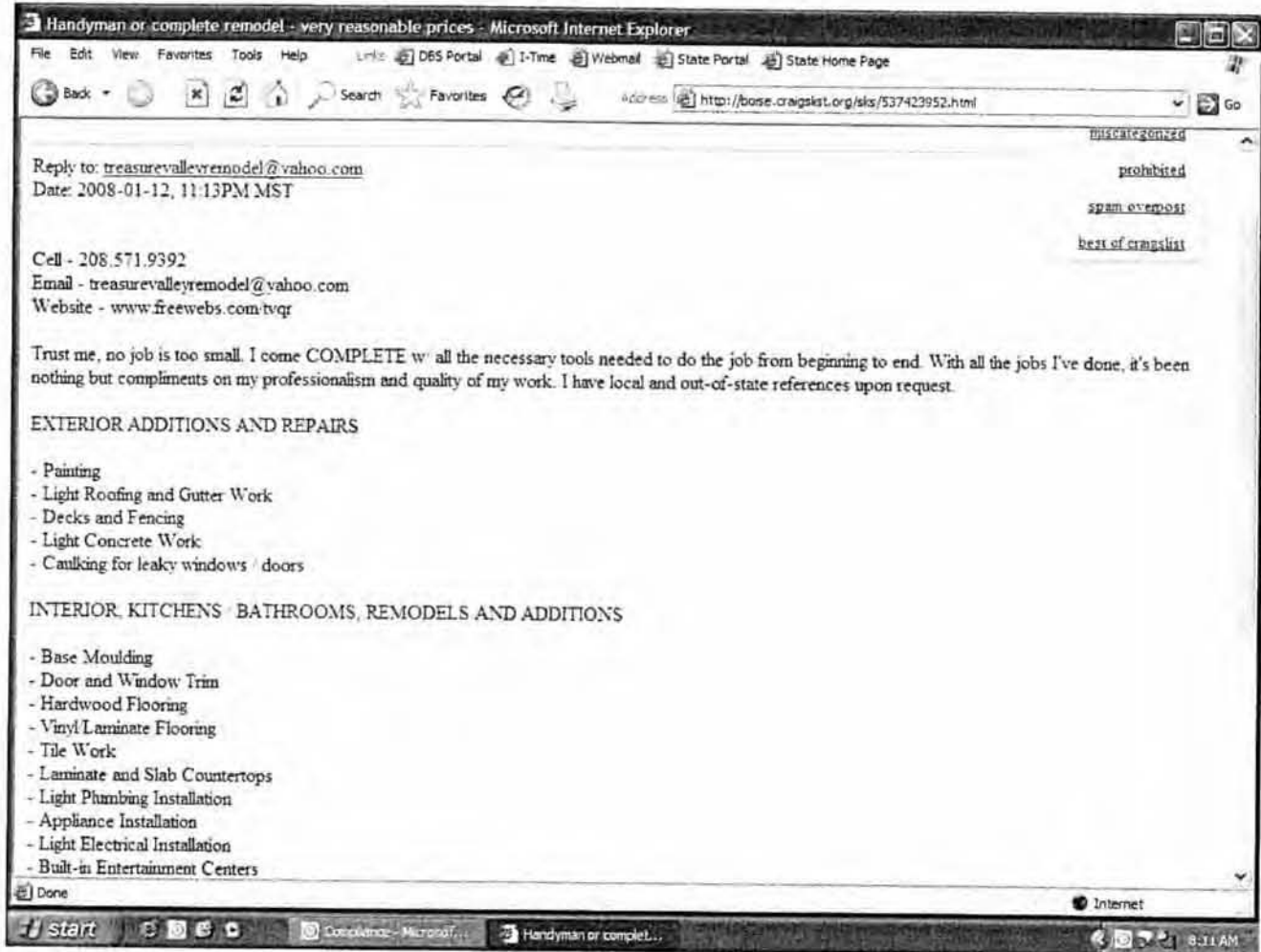
Journeyman	-	2,198 – Active
Apprentice	-	789 - Active
Apprentice	-	135 - Suspended – (not in school)

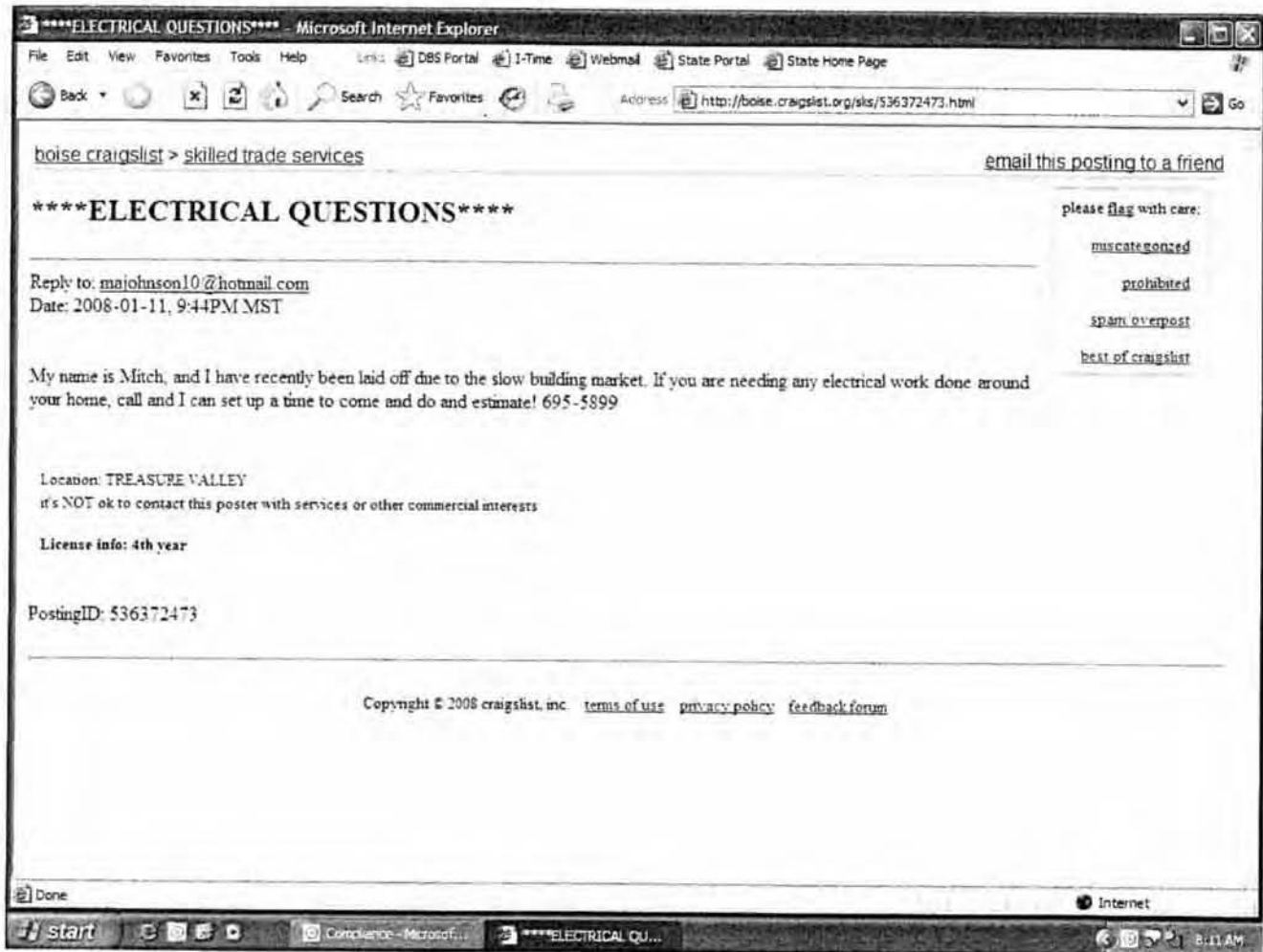
HVAC

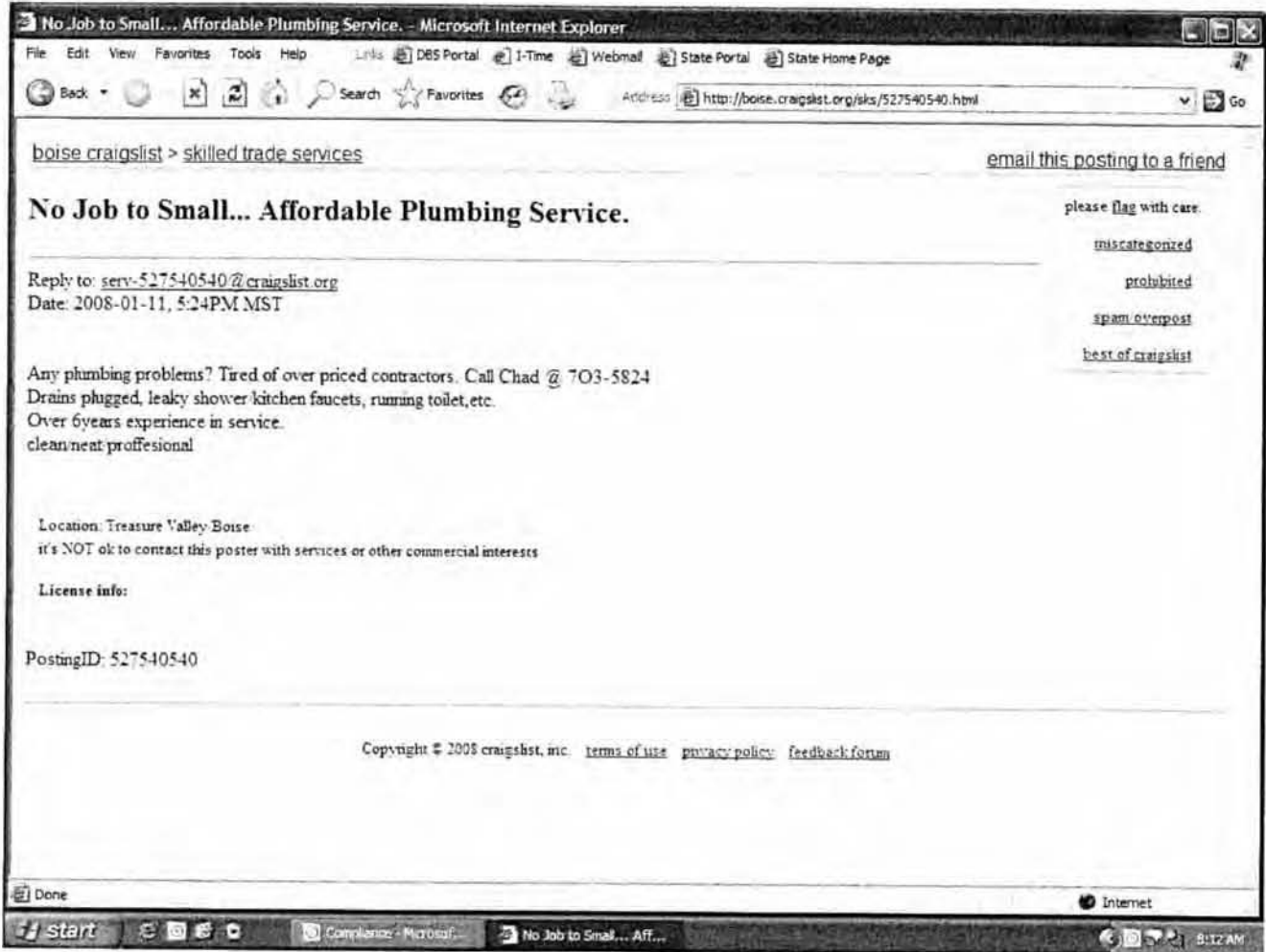
Journeyman	-	3,861 – Active
Apprentice	-	911 - Active
Apprentice	-	198 - Suspended – (not in school)

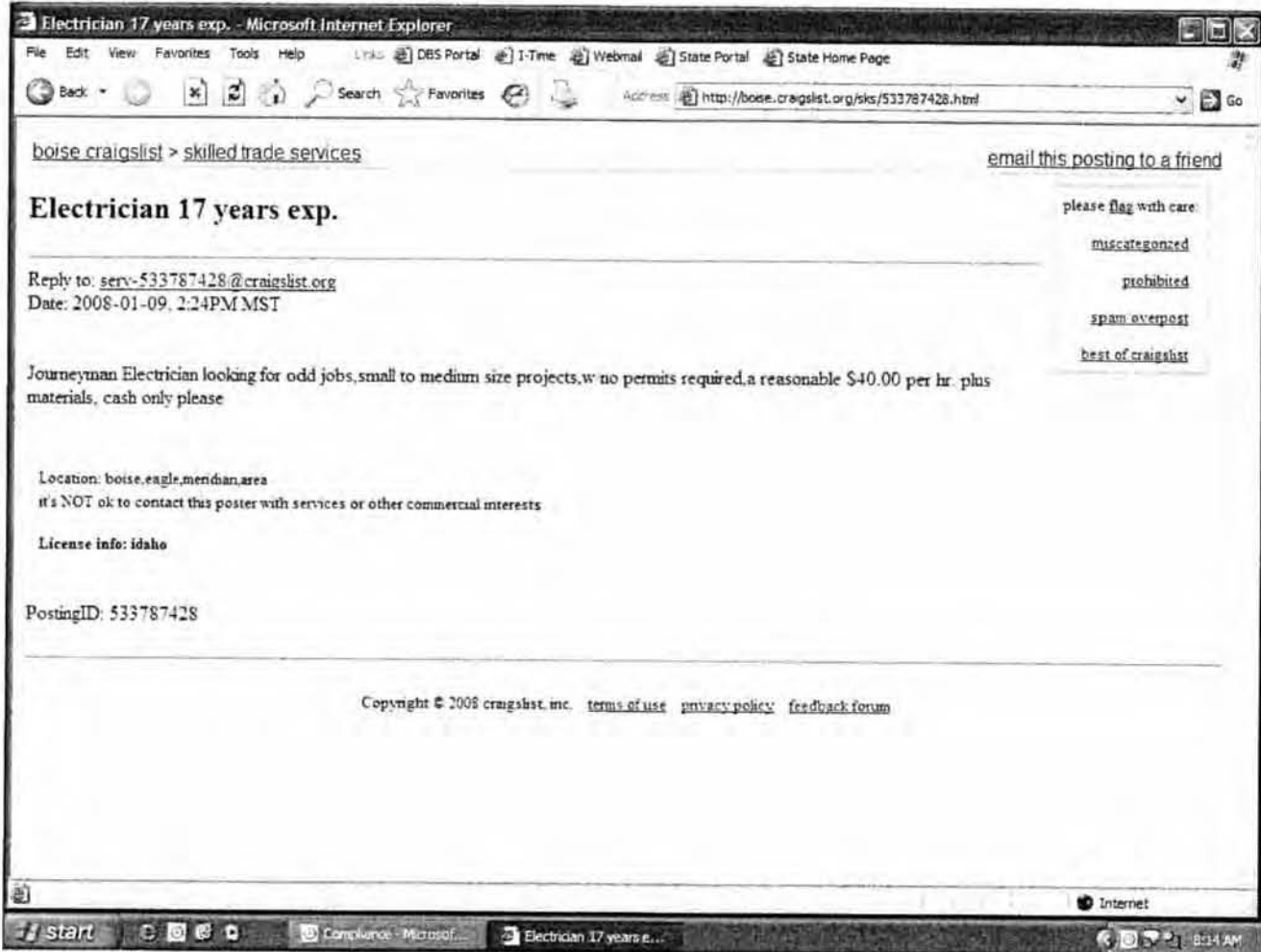












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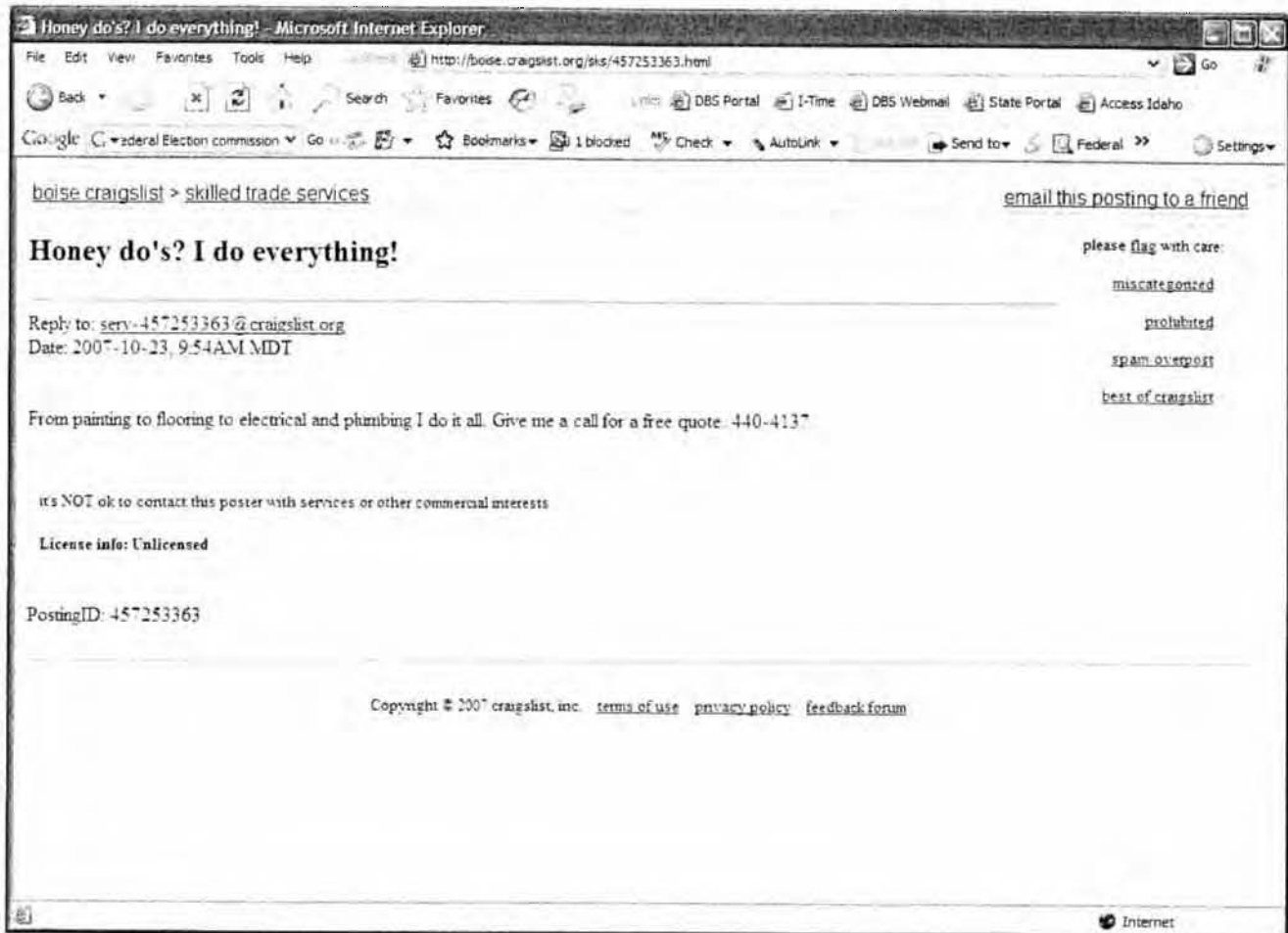
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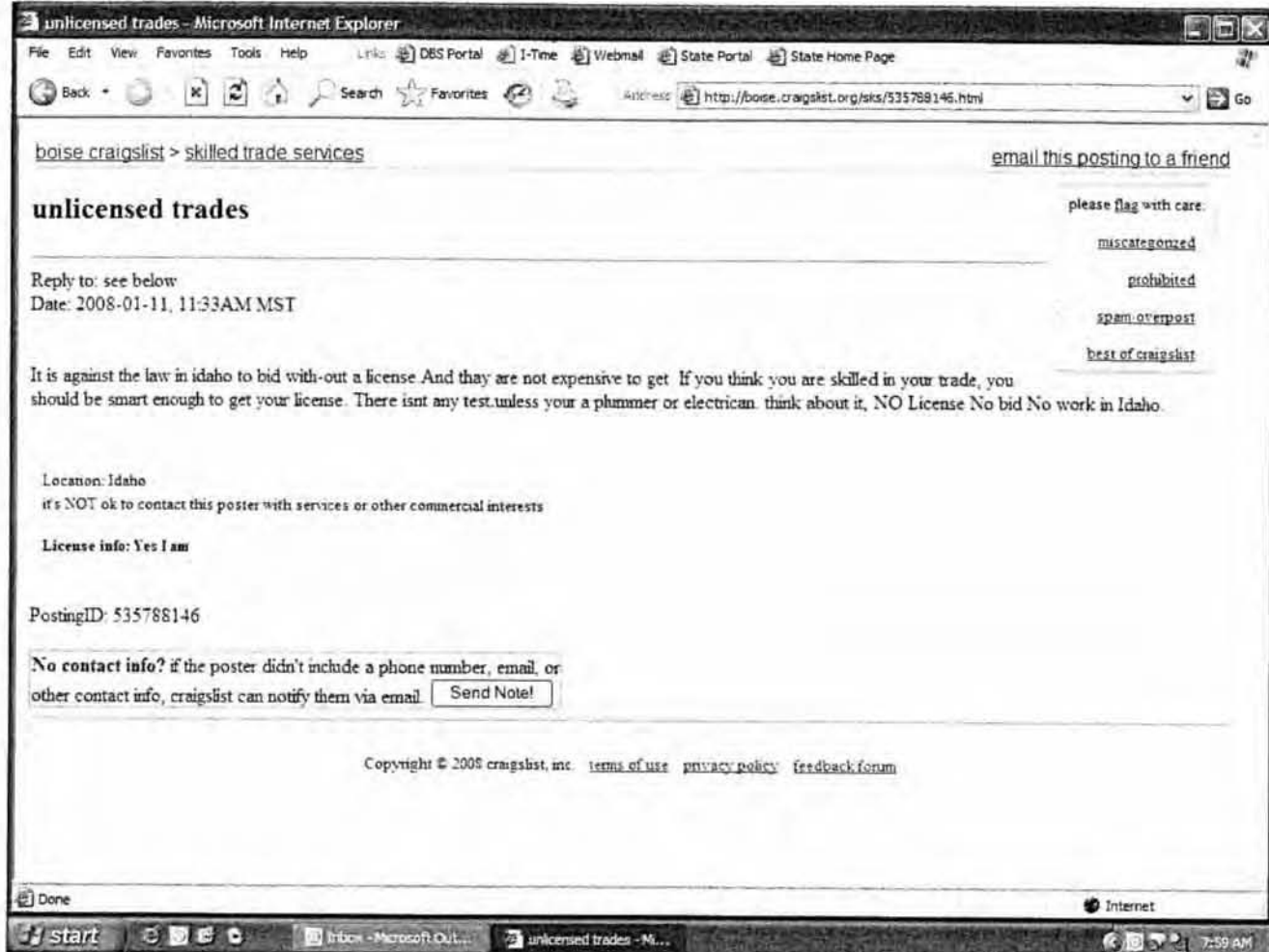
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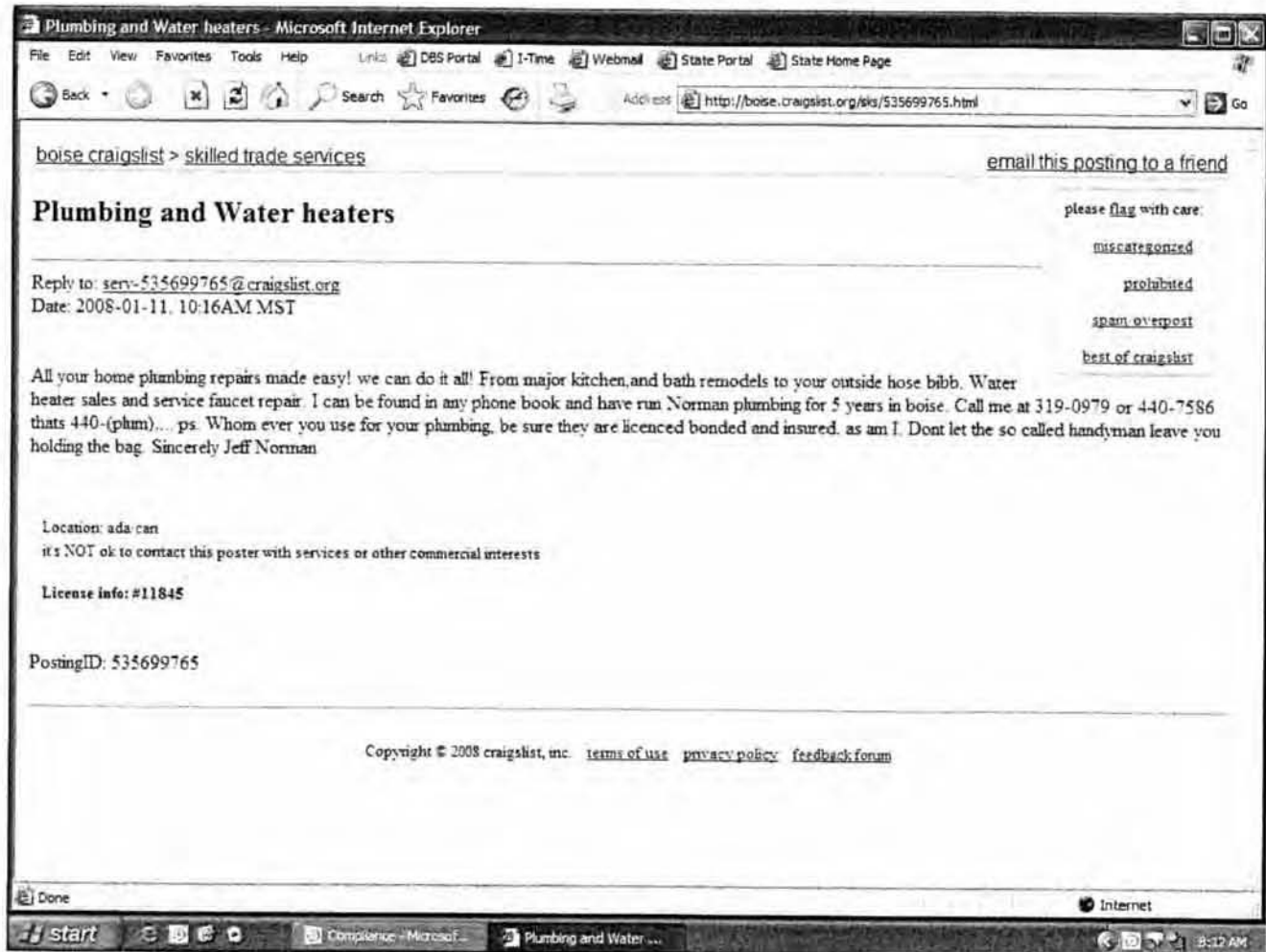
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Zurn Z5795

Waterless Urinal

Installation, Operation, Maintenance and Parts Manual

Z5795
Waterless Urinal

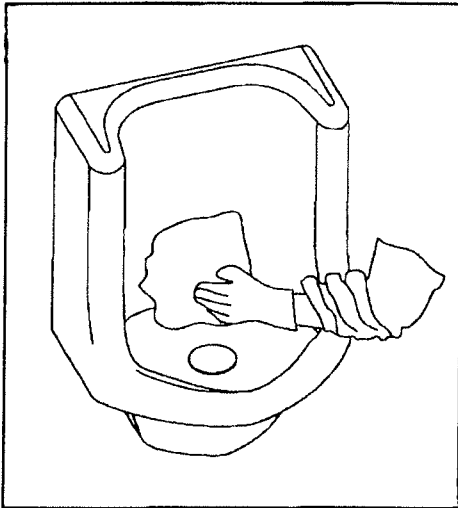


LIMITED WARRANTY

All goods sold hereunder are warranted to be free from defects in material and factory workmanship for a period of three years from the date of purchase. Decorative finishes warranted for one year. We will replace at no costs goods that prove defective provided we are notified in writing of such defect and the goods are returned to us prepaid at Sanford, NC, with evidence that they have been properly maintained and used in accordance with instructions. We shall not be responsible for any labor charges or any loss, injury or damages whatsoever, including incidental or consequential damages. The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for his intended use and the purchaser assumes all risk and liability whatever in connection therewith. Where permitted by law, the implied warranty of merchantability is expressly excluded. If the products sold hereunder are "consumer products," the implied warranty of merchantability is limited to a period of three years and shall be limited solely to the replacement of the defective goods. All weights stated in our catalogs and lists are approximate and are not guaranteed.

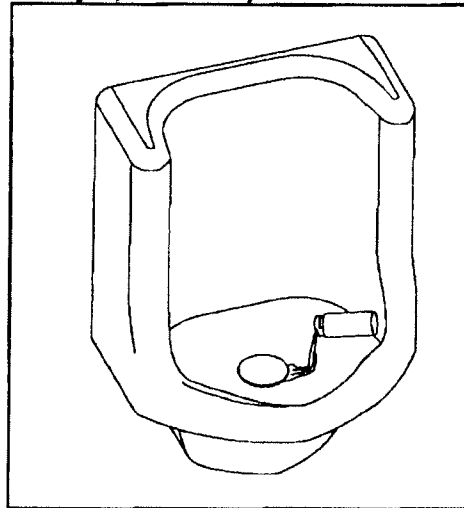
Maintenance Schedules

Recommended Daily Maintenance



1.) Recommended daily maintenance of the Zurn Z5795 urinal suggests wiping the walls of the urinal with a mild soap and water. Avoid dumping aggressive cleaners and/or large amounts of liquids down the urinal drain. Doing so may deplete the *AquaGreen™* sealant and allow sewer gases to back up into the restroom.

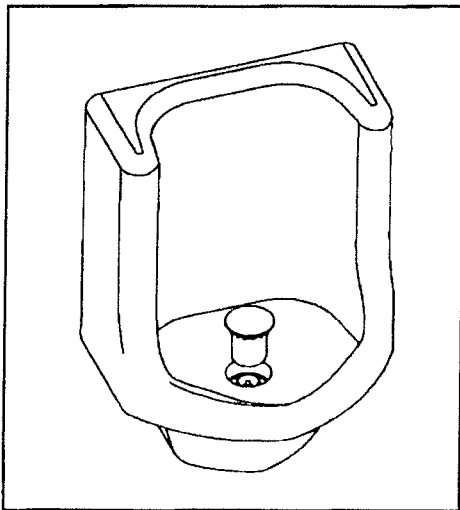
Recommended Periodic Maintenance Every 3,000 uses)



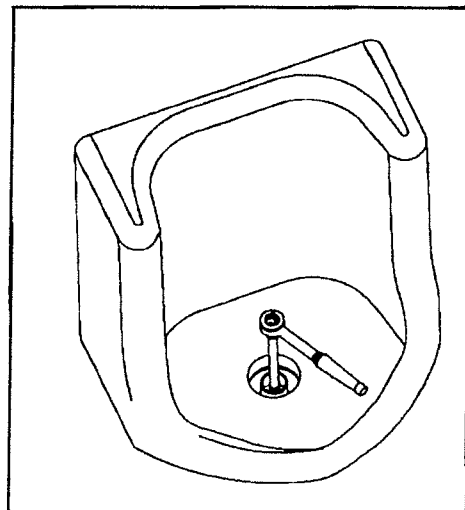
1.) It is critical that a layer of Zurn *AquaGreen™* urinal sealant be maintained at all times. To keep the Zurn Z5795 urinal functioning properly and odor free, add 3 to 4 ounces of Zurn *AquaGreen™* sealant to the trap after every 3,000 uses.

Trap Cleaning

Recommended Periodic Trap Cleaning (Every 9,000 Uses)



1.) Remove strainer from urinal.



2.) Unscrew and remove bell trap. If the bell trap will not loosen by hand, use a 3/8" ratchet and extension, turning counter-clockwise to remove.

Eco Urinal Cartridge
PATENT PENDING

Ecotech Water, LLC • Ecocloset

Eco Urinal Cartridge

Cartridge For Waterless Urinals

Home | Download Order Form | Installation Instructions | Warranty Information | Contact Us

Manufactured by:
ECOTECH WATER, LLC
Phone: 877-341-9500
Fax: 808-367-5555



Eco Urinal Cartridges For Use In Falcon, Z Waterless Co. and Other Brands Of Waterless Urinals

WHAT IS IT?

The Eco Urinal Cartridge provides a solution to many of the associated with urinals that do not use water and have replaceable cartridges. We congratulate you on your efforts to save our Resources, but if you are like most owners of non-water urinals you are probably frustrated by having to buy and replace a sealant, as well as dealing with the malfunction problems caused by various cleaners and other sealant issues.

The Eco Urinal Cartridge is made of a high quality rigid plastic manufactured to fit into non-water using urinals without alter the existing replaceable cartridge and insert the Eco Urinal Cartridge. The Eco Urinal Cartridge can be removed if need maintenance.

The cartridge has a special elastomeric check valve attached. The check valve is manufactured from space age, rubber-like synthetic polymer, used for leg urinals for Astronauts. It is treated so that liquid is not passing through it, but flexible enough to open and allow a liquid flow, from an intermittent drip to high rate flows. When the valve is closed or liquid is flowing through the check valve, it resists any emission of sewer gas and any backup of sewage into the waste line.

THE DETAILS:

The Eco Urinal Cartridge will fit urinals manufactured by Falcon, Waterless Co., and other brands. It can be purchased for \$1.99. Quantity discounts are available. It is not affected by urinal cleaners normally used in public restrooms.

Code Compliance Certifications: The Ecotech Eco Urinal Cartridge is compliant with ANSI Z124.9-04, section 7.5, as referenced in IGC 161-2004, and the ICC EG 267 for waterless urinals. These are published as the standards for waterless urinals.

The Eco Urinal Cartridge comes with a lifetime warranty. Should a defect or malfunction in the material occur within the lifetime of the unit into which it was originally installed the Eco Urinal Cartridge will be replaced without charge. (Go To Warranty Information).

Ecotech is not affiliated or associated with Falcon or Sloan. Ecotech's cartridge is not endorsed by Falcon or Sloan as a replacement use in waterfree urinals sold by Falcon or Sloan.

AVAILABILITY:

To purchase a supply of Eco Urinal Cartridges, please return to:





STEWART™

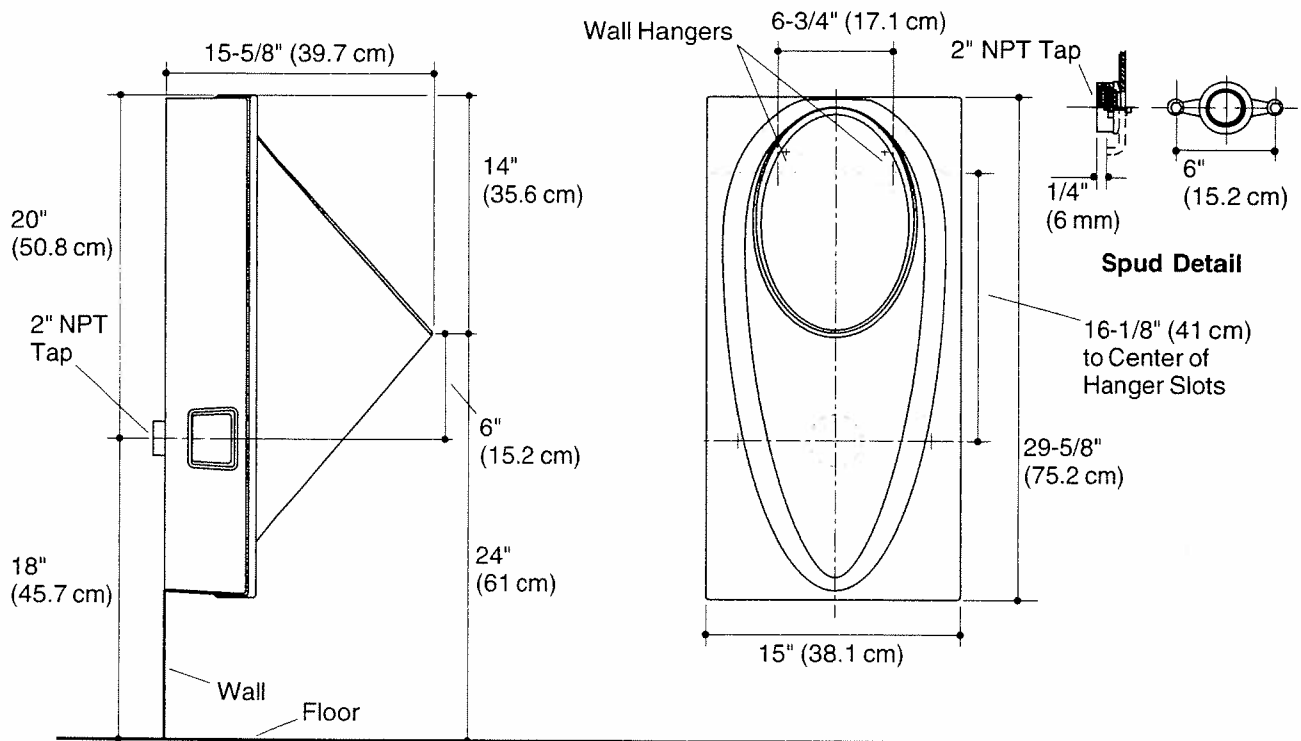
Technical Information

Included components:	
2" outlet spud	18766
Strainer	1046455
Hanger (2 required)	64512
Universal mounting bracket	1044200

Installation Notes

Install this product according to the installation guide.

Roughing-in remains the same when using the optional 3" outlet spud.



Product Diagram

STEWART™ WATERLESS URINAL

Page 2 of 2
1048745-4-D

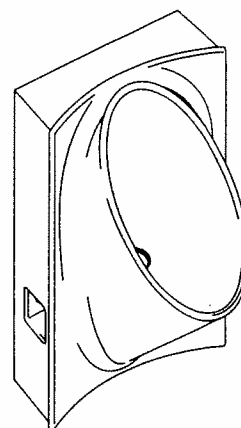
THE BOLD LOOK
OF **KOHLER.**

Features

- Vitreous china
- Waterless
- Includes sealing liquid sample and cleaner sample
- Includes removable strainer, universal mounting bracket, outlet spud, and hangers
- 15-1/2" (39.4 cm) extended rim

WATERLESS URINAL K-4918

ADA



Codes/Standards Applicable

Specified model meets or exceeds the following:

- ADA when rim is mounted no higher than 17" (43.2 cm) from finished floor
- CSA B45
- ICC/ANSI A117.1
- ASME A112.19.2
- CSA International
- IAPMO/Classified Listing

Colors/Finishes

- 0: White
- Other: Refer to Price Book for additional colors/finishes

Accessories:

- NA: None applicable

Specified Model

Model	Description	Colors/Finishes	
K-4918	Waterless urinal	<input type="checkbox"/> 0	<input type="checkbox"/> Other _____
Optional Accessories			
18773	3" outlet spud	<input type="checkbox"/> NA	

Product Specification

The waterless urinal shall be made of vitreous china. The urinal shall have a 15-1/2" (39.4 cm) extended rim. The urinal shall include a sealing liquid sample and cleaner sample. The urinal shall include a removable strainer, universal mounting bracket, outlet spud, and hangers. The urinal shall be Kohler Model K-4918-_____.





UPC 311.5 – No fitting, fixture and piping connection, appliance, device, or method of installation that obstructs or retards the flow of water, wastes, sewage, or air in the drainage or venting systems, in an amount greater than the normal frictional resistance to flow, shall be used unless it is indicated as acceptable in this code or is approved per Section 301.1 of this code. The enlargement of a three (3) inch (80 mm) closet bend or stud to four (4) inches (100 mm) shall not be considered an obstruction.

54-2618. Certificate to be displayed and certificates of competency and registration carried or in vicinity of work site

Contractors must display the name of the company and contractors license # on all vehicles registered or used by the company as well as all advertising literature.

IDAPA 07.02.05.016.02. Certificate of competency renewal

c. Continuing education. Journeyman: Journeyman must complete 16 hrs. of continuing education every license cycle of 3 yrs or complete an exam administered by the Division of Building Safety. 8 hrs must be code related and the other 8 hrs may be industry related training. A valid register from the trainer indicating time spent must accompany the license renewal form.

Contractors: Contractors must complete 8 hrs of continuing for every year that they are registered which must include lien and tax law updates. Time accrued during Journeyman education may count toward this requirement.

Funding to offset the cost of instructors and facilities shall be drawn from the Plumbing Board Fund at a rate not to exceed 1% per year. Henceforth, creating the 1% Plumbing Continuing Education Fund.

IDAPA 07.02.05

Residential Journeyman license. An applicant for a residential journeyman plumber's license must have at least three (3) years experience as an apprentice making plumbing installations under the constant on-the-job supervision of a qualified journeyman plumber, as provided by Section 54-2611, Idaho Code. Pipe fitting will not be accepted as qualification for a residential journeyman license. The first step in obtaining a residential journeyman certificate of competency is to submit an application for examination and license. The application must be accompanied by proof the applicant has completed the minimum of three (3) years experience in the trade as provided in IDAPA 07.02.05.011. Exhibition of a current license or photostatic copy of it from another jurisdiction may be accepted as proof of experience. The examination fee shall be as prescribed by Section 54-2614, Idaho Code, and must accompany the application.

Examination per IDAPA 07.02.05.012.02

Scope of work. Residential Journeyman certificate of competency shall entitle the holder to fulfill the constant on-the-job supervision for single family residential buildings, residential remodel. This license will not be sufficient to qualify for industrial account supervision. Residential Journeyman will not be able to obtain a Plumbing Contractors license until the individual has obtained a full (four year) journeyman license and fulfill all the requirements provide in IDAPA 07.02.05.013.

54-2627. Appointment of inspectors- Qualifications-Unlawful practices

The administrator.....Idaho plumbing board. All Inspectors shall be certified with IAPMO, or the agency approved by the state, as a plumbing inspector and registered with the state in order to perform plumbing inspections. No inspector.....set forth in this section.

This registration shall expire one year from the date of issuance and may be renewed for each year thereafter providing that the individual maintains his/hers certification. The State shall have the ability to assure that correct inspections are being performed. Each individual registered as an inspector shall as part of the maintenance of their registration shall complete a minimum of 8 hrs of continuing education each year. This education shall consist of code updates and product knowledge.

This registration will include HVAC, Electrical, Building, Modular, Elevator, Boiler, Medical Gas with appropriate certifications.

Plumbing Plan Review Specialists

Any individual performing plumbing plan review shall be certified thru IAPMO, or agency approved the State, to do so and must register with State as a Plan Review Specialist. This registration shall expire one year from the date of issuance and may be renewed for each year thereafter providing that the individual maintains his/hers certification. The State shall have the ability to assure that correct plan review is being performed. Each individual registered as a plan review specialist shall complete a minimum of 8 hrs continuing education consisting of both code updates and product knowledge.

This registration will include HVAC, Electrical, Building, Modular, Elevator, Boiler, Medical Gas with appropriate certifications.

Contractor Licensing

The contractor license should be held by a business instead of an individual. The business must employ employee qualifiers to maintain license. If business representative is not a "Master" plumber level the test shall consist of both trade and business. If BR is a "Master" the test shall consist of business only (the Master Plumbers would have already passed an exam to obtain this level of competency). The business shall employ 1 Master for every 10 plumbers. This leaves the responsibility of the company with the company, ie permits, licensing, NOV's. While still holding individuals responsible for their actions.

402.3.1 Nonwater Urinals. Where nonwater urinals are installed they shall be listed and comply with the applicable standards references in Table 14-1. Nonwater urinals shall have a barrier liquid sealant to maintain a trap seal. Nonwater urinals shall permit the uninhabited flow of waste through the urinal to the sanitary drainage system. Nonwater urinals shall be cleaned and maintained in accordance with the manufacturer's instructions. Where nonwater urinals are installed they shall have a water distribution line rough-in to the urinal location to allow for the installation of an approved backflow prevention device in the event of a retrofit.